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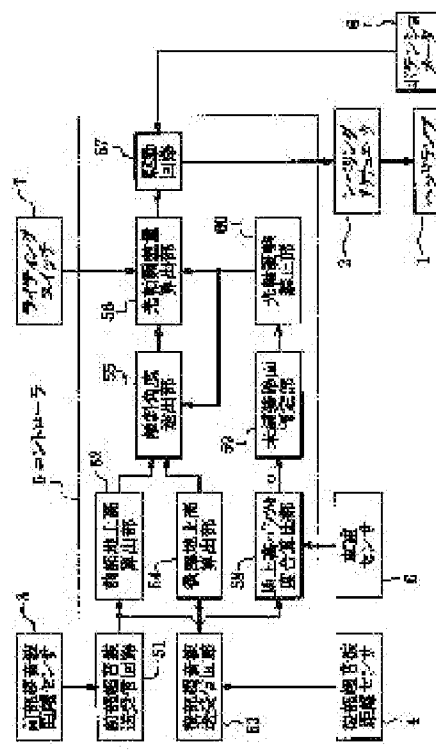
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(54) HEADLAMP OPTICAL AXIS ADJUSTING DEVICE OF VEHICLE

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent inappropriate adjustment of an optical axis, generated caused by the traveling distance measurement errors on an unpaved road.

SOLUTION: A controller 5 of this headlamp optical axis adjusting device periodically inputs the front and rear ground clearance data obtained from front and rear ultrasonic distance sensors 3, 4 and the vehicle speed data obtained from a vehicle speed sensor 6 during traveling of a vehicle. When traveling of the vehicle is stopped, standard deviation (σ) of the front ground clearance data about the road surface directly under the vehicle is calculated. If the standard deviation is smaller than a set value, the optical axis adjustment is performed, while if the standard deviation is greater than the set value, it is decided that the road is an unpaved road, and the optical axis adjustment is inhibited.



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